

PLUMBING FIXTURE SCHEDULE SPEC 22 00 00 & 22 40 00

MARK	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	ACCESSORIES	PIPING REQUIREMENTS			REMARKS	APPROVED MANUFACTURER'S
					WASTE	VENT	SUPPLY		
H.W.C.	HANDICAP ACCESSIBLE WATER CLOSET (TANK TYPE)	AMERICAN STANDARD	CADET RIGHT HEIGHT BOWL RIM AT 15-1/2" H. PRESSURE-ASSISTED TOILET 2467.016	CHURCH 9500CT WHITE OPEN FRONT SEAT COMPLETE W/ BOLT CAPS	4"	2"	1/2"	LOW-CONSUMPTION 1.6 GPF MAX MEETS ADA GUIDELINES AND "ANSI A117.1"	ZURN, ELJER
LAV.	HANDICAP ACCESSIBLE LAVATORY (WALL MOUNTED)	AMERICAN STANDARD	LUCERNE 0355.012 4" CENTERS	ZURN #28737 FLAT GRID SINK STRAINER, DELTA #501-DST CLASSIC CENTERSET FAUCET, JAY R. SMITH #0700-M31 FLOOR MOUNTED LAVATORY SUPPORTS	2"	1-1/2"	3/4"	SEE NOTE 2 1.5 GPM MAX	ZURN, ELJER, WADE
H.D.F.	BARRIER-FREE TWO STATION HI-LO DRINKING FOUNTAIN	ELKAY	EZSTL8C (FRONT CONTROL ONLY)	ACCESSORY APRON #LKAPREZL	2"	1-1/2"	1/2"	UPPER HEIGHT 40" A.F.F. LOWER HEIGHT 33" A.F.F. ADA COMPLY	HALSEY TAYLOR
F.D.	FLOOR DRAIN	JAY R. SMITH	2005-A-(PB) (CAST IRON)	-	2"	1-1/2"	-	COMBINATION WASTE VENT	WADE & ZURN
C.O.	CLEANOUT (INTERIOR)	JAY R. SMITH	4100	W/ CARPET CLAMPING RING WHERE REQUIRED	SEE PLAN	-	-	SAME SIZE AS LINE	WADE & ZURN
C.O.1	CLEANOUT (EXTERIOR)	JAY R. SMITH	4250	-	SEE PLAN	-	-	SAME SIZE AS LINE SEE (2 P1) AND (4 P1)	WADE & ZURN
W.H.A.	WATER HAMMER ARRESTER	SIoux CHEF	652-A	-	-	-	-	-	JAY R. SMITH, WADE, ZURN
H.B.	HOSE BIB	WOODFORD	MODEL 65	WITH WALL CLAMP	-	-	3/4"	WITH VACUUM BREAKER, OPERATING ROD ASSEMBLY MUST BE ORDERED PER WALL WIDTH.	-
M.B. / E.W.	MOP BASIN / EYE WASH	FIAT / SPEAKMAN	FIAT MSB-2424	FIAT #832-AA HOSE & BRACKET, FIAT #889-CC-24" MOP HANGER, SPEAKMAN SEF-9000 EYEWASH COMBINATION.	3"	1-1/2"	3/4"	WITH VACUUM BREAKER	HAWS & ZURN
URN.	URINAL (WALL MOUNTED)	AMERICAN STANDARD	LYNBROOK 1.0 GPF 6601.012	SLOAN ROYAL #186-1 FLUSH VALVE JAY R. SMITH SERIES #600 FLOOR MOUNTED URINAL SUPPORT	2"	1-1/2"	3/4"	-	KOHLER, ELJER & CRANE

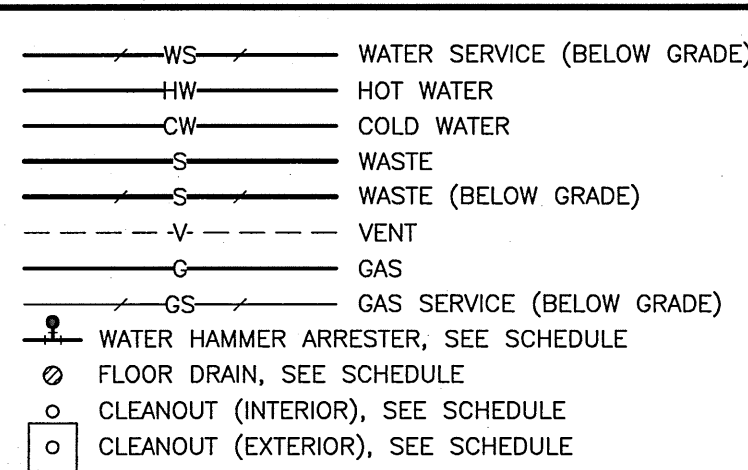
NOTE:  
1. COORDINATE ROUGH-IN OF ALL PLUMBING FIXTURES W/ ARCHITECTURAL DRAWINGS.  
2. SINKS & LAVATORIES FOR HANDICAPPED ACCESS SHALL BE INSTALLED W/ OFFSET TAILPIECES. ALL SINK & LAVATORY DRAIN & WATER LINES SHALL BE INSULATED W/ PROTECTIVE DEVICES EQUAL TO "McGUIRE" #PW 2150 WC, WHITE MOLDED CLOSED CELL VINYL, OR "TRUEBRO" #103W, WHITE MOLDED VINYL.  
3. FOR HANDICAPPED-ACCESSIBLE WATER CLOSET, FURNISH & INSTALL W/ THE FLUSH HANDLE ON THE WIDE SIDE OF THE RESTROOM.

OWNER SUPPLIED, CONTRACTOR INSTALLED

W.H.	WATER HEATER (INSTANT)	EEMAX "THERMOSTATIC"	EX95T-ML	DUAL VOLTAGE = 240 or 208 (25% REDUCED OUTPUT) AMPS = 40 9.5 KW MIN. WIRE = #8 AWG	-	-	3/4"	- UL LISTED FOR USE WITH-OUT PRESSURE RELIEF VALVE. - 65° RISE @ 1 GPM FLOW RATE. - SEE 1/P1. - SET WATER HEATER AT 110° F.	NO SUBSTITUTIONS
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NOTE:  
1. WATER HEATER SHALL BE DIRECT ORDERED AND/OR RELEASED FROM THE LISTED ELECTRICAL EQUIPMENT DISTRIBUTOR:  
GRAYBAR ELECTRIC CO. INC. 11885 LACKLAND ROAD ST. LOUIS, MO. 63146  
ATTN: SANDI YOUNG - DIRECT LINE: 1 (314) 573-2082 OR SAM CAST - DIRECT LINE: 1 (314) 573-2081 sandryoung@graybar.com or samcast@graybar.com TOLL FREE = 1-800-289-5254 TOLL FREE FAX = 1-888-280-0129

PIPING LEGEND



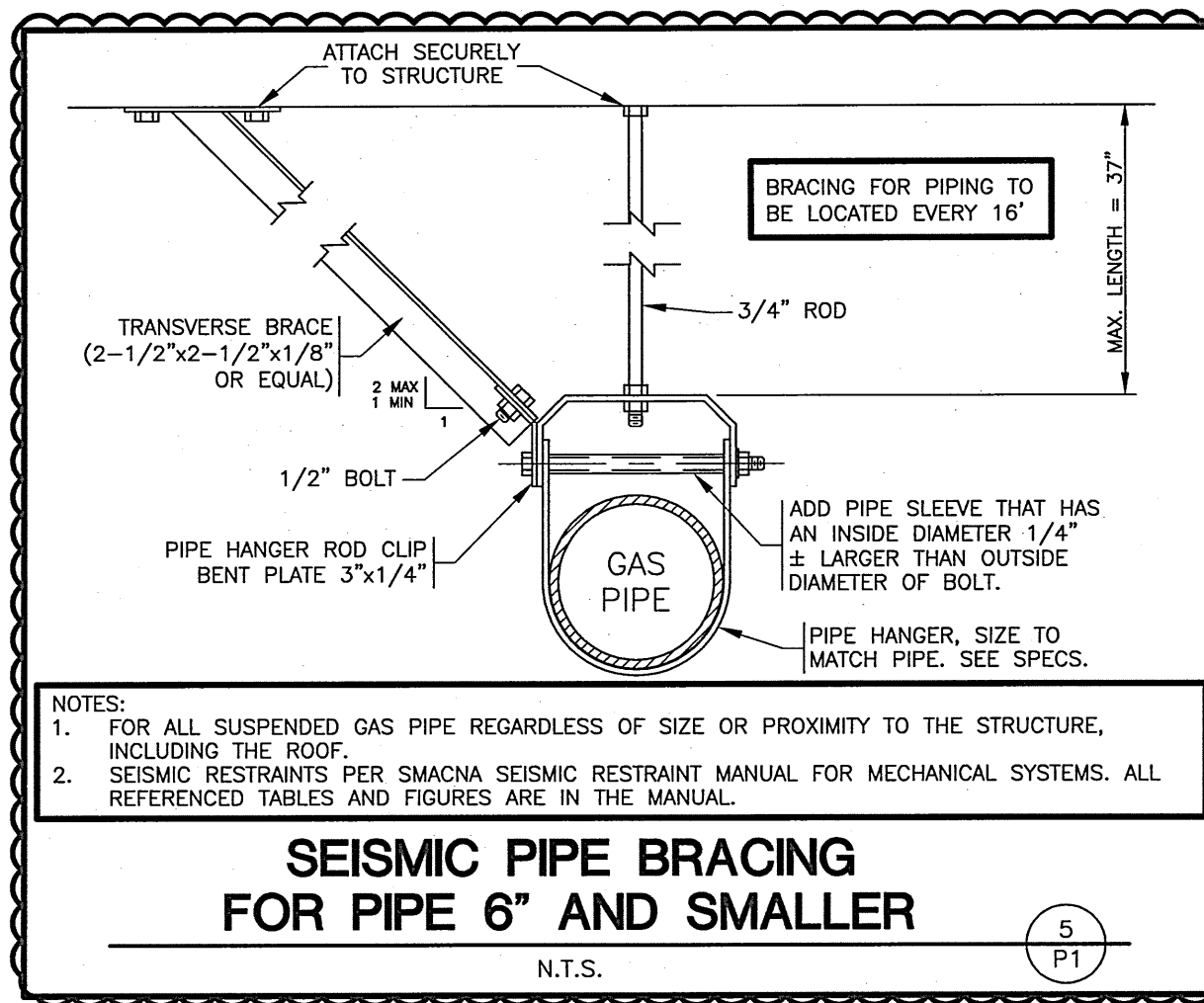
NOTE:  
G.C. TO REVIEW METAL BUILDING ERECTION DRAWINGS BEFORE CONSTRUCTION BEGINS TO CONFIRM THAT ANY ROD BRACES SHOWN IN THOSE DRAWINGS WILL NOT INTERFERE WITH CLEARANCES, ACCESSORIES OR PLUMBING FIXTURES SHOWN IN REST ROOMS. G.C. TO NOTIFY O'REILLY REPRESENTATIVE AND ARCHITECT IF THEY BELIEVE THAT THERE MIGHT BE A CONFLICT. IF THERE IS SUCH A CONFLICT, INSTALL 6" STUD WALL AGAINST EXTERIOR WALL TO ENCAPSULATE ROODS (PLUMBING FIXTURES AND WALL OPPOSITE EXTERIOR WALL TO SHIFT TO ALLOW FOR THIS 6" WALL AS WELL.

GAS LOAD

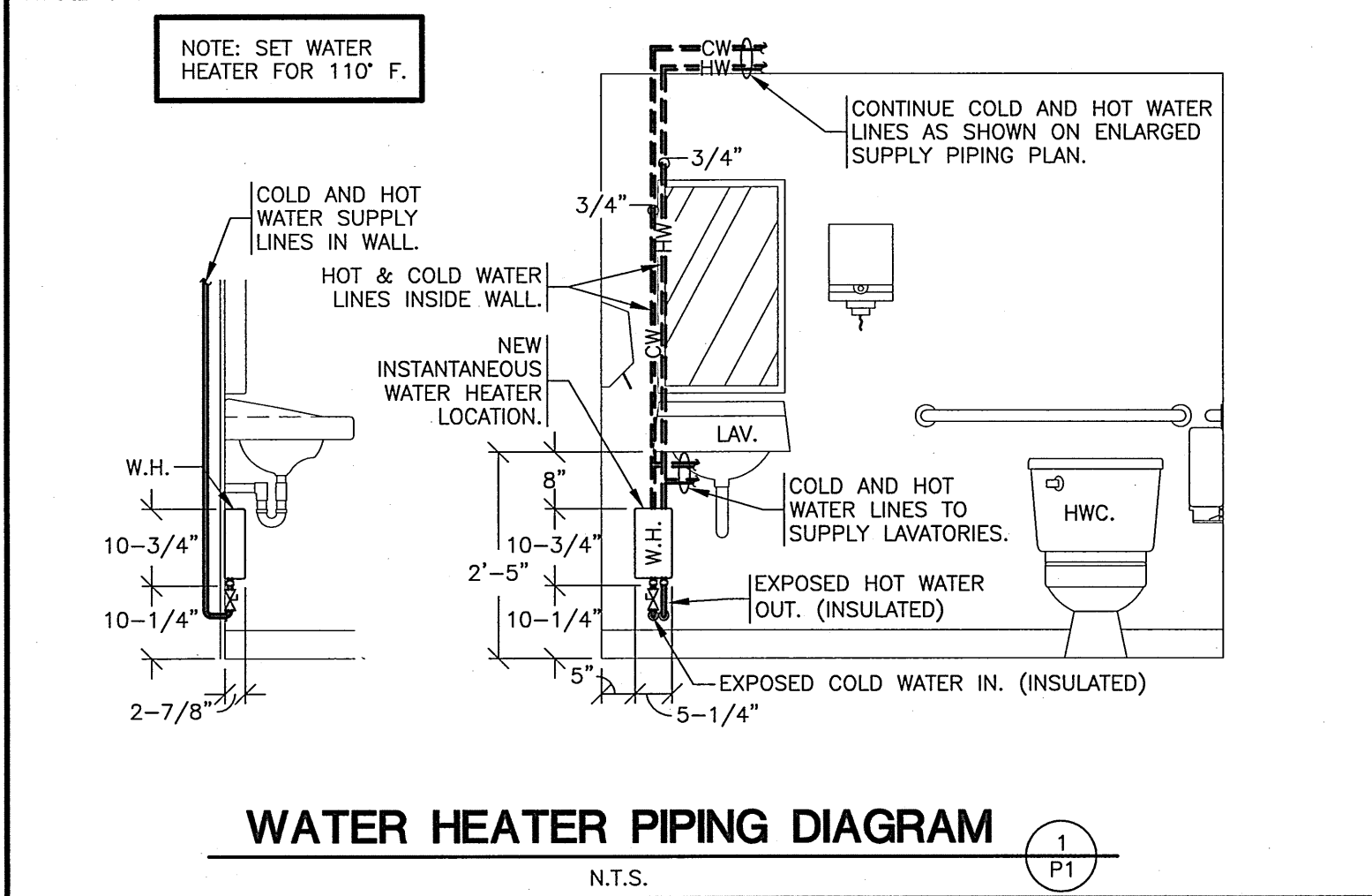
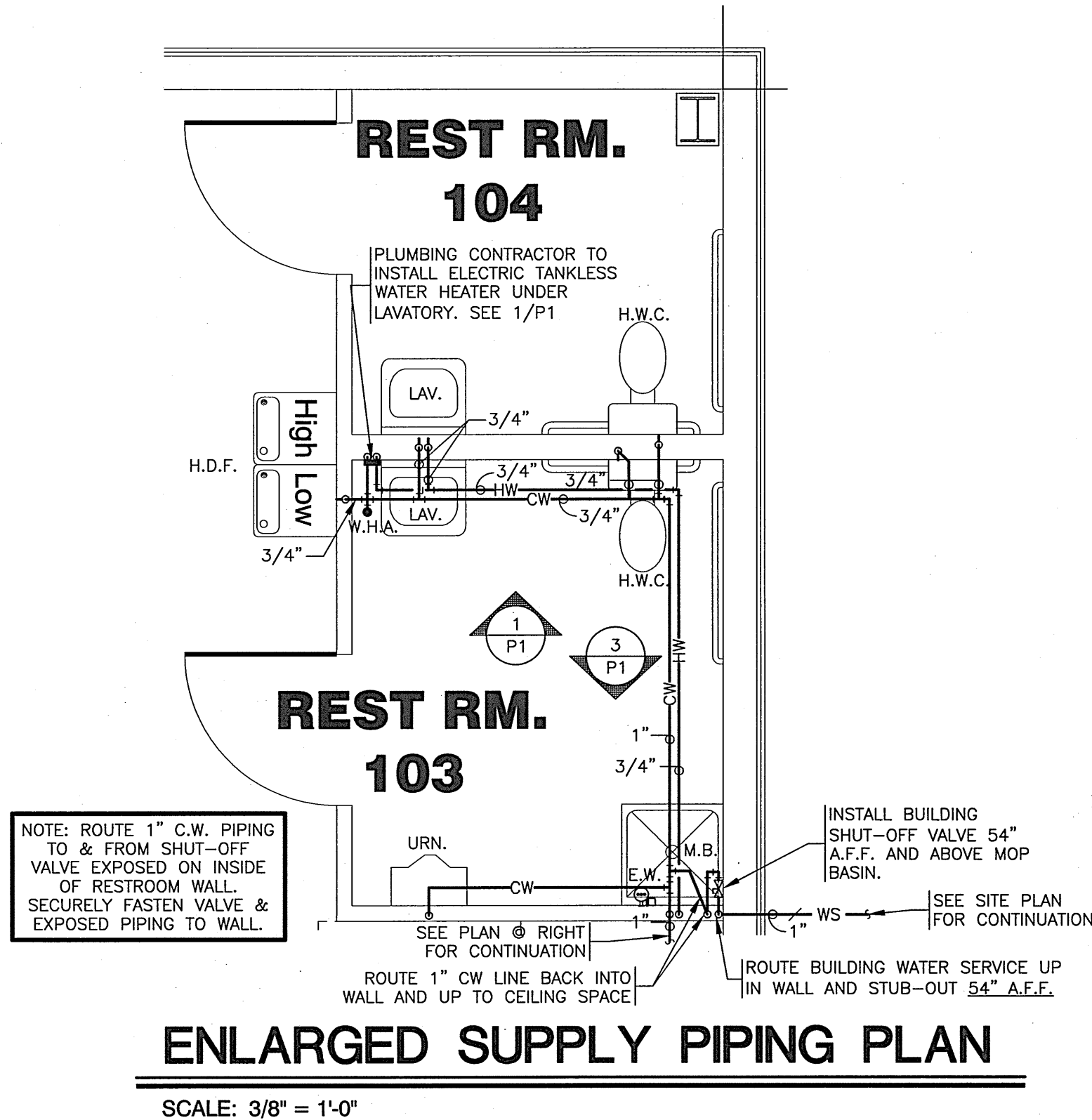
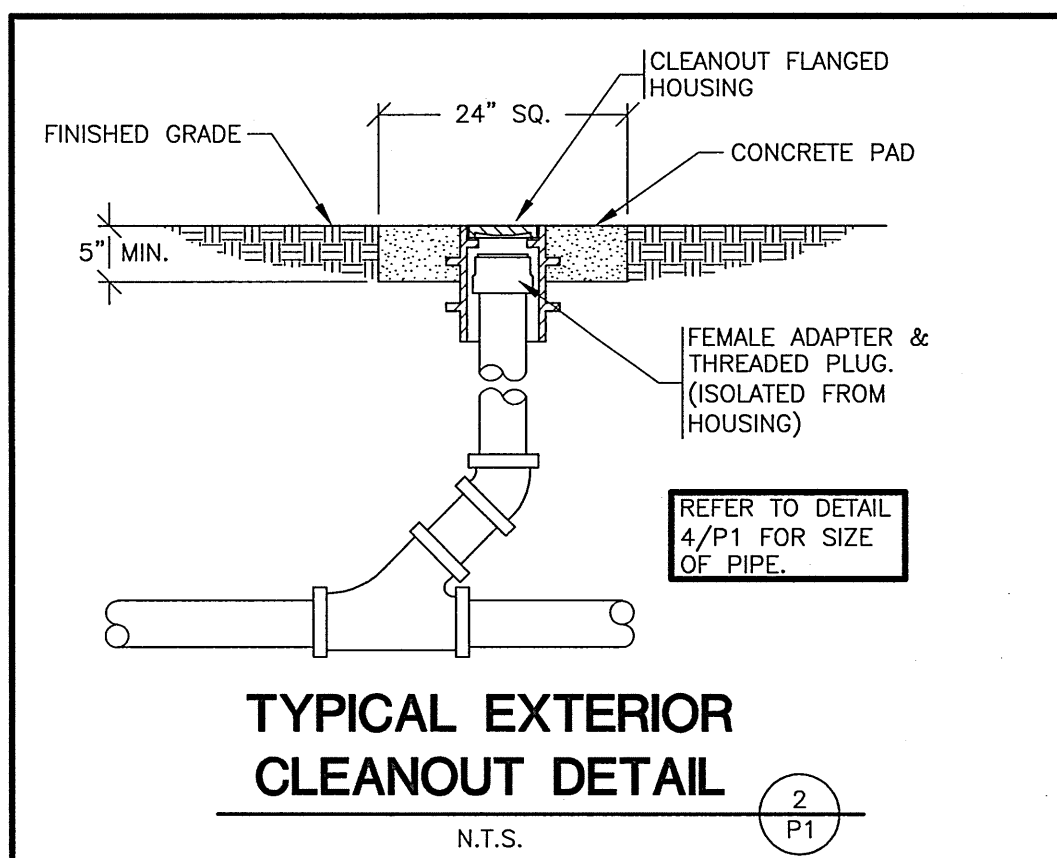
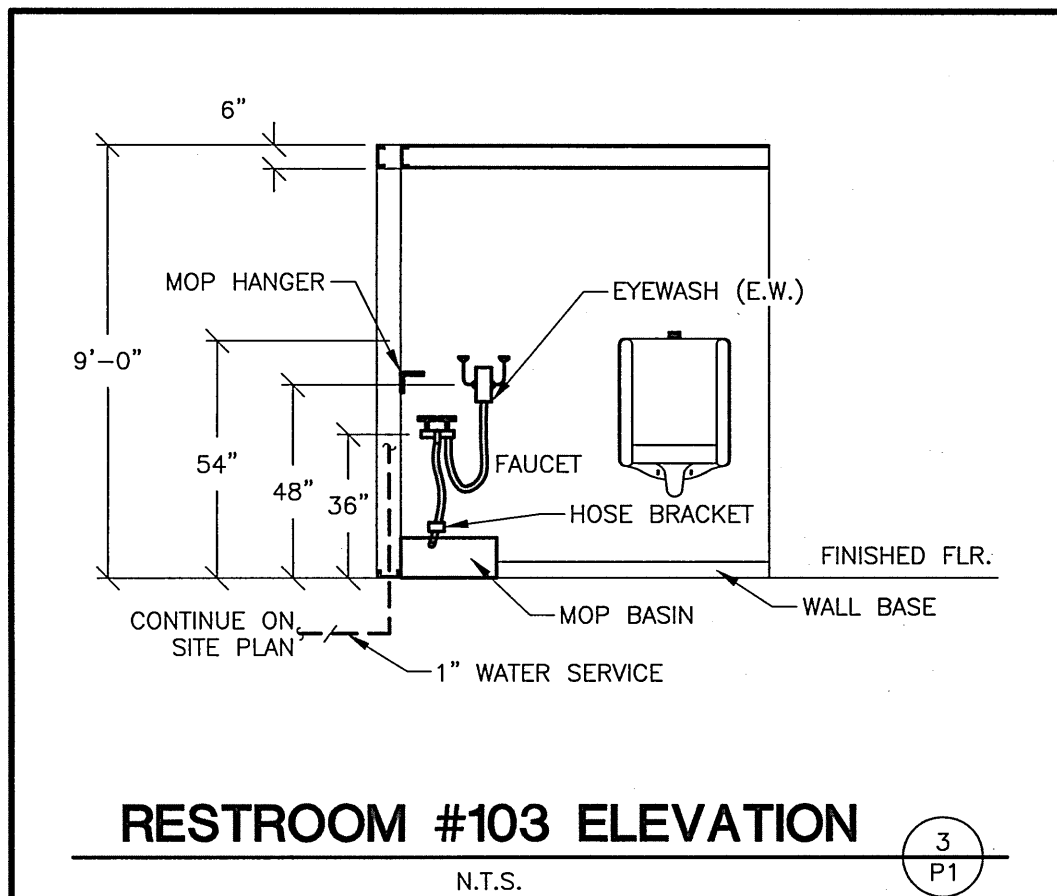
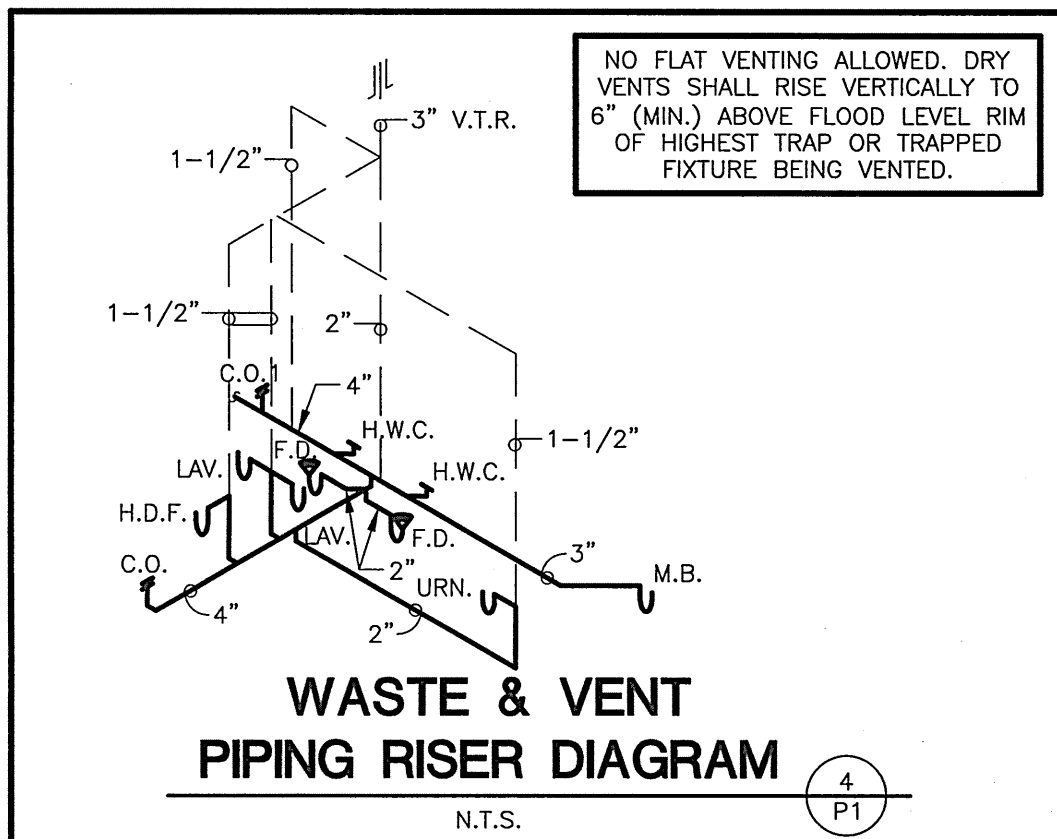
(PIPE SIZING BASED ON 2009 INTERNATIONAL FUELGAS CODE, TABLE 402.4(2))	
ITEM	MBH/INPUT
FURNACE (FURN-1)	100
FURNACE (FURN-2)	100
FURNACE (FURN-3)	100
FURNACE (FURN-4)	100
TOTAL CONNECTED LOAD	400

GAS PIPING SIZED USING LONGEST MAXIMUM RUN OF EQUIVALENT LENGTH OF PIPING = 150'-0"  
INLET PRESSURE = 7" W.C.  
MAXIMUM PRESSURE DROP = 5 INCH W.C. AND .6 SPECIFIC GRAVITY

NOTE:  
SEE THE APPLICABLE PLUMBING CODE FOR MINIMUM WASTE PIPING SLOPE.

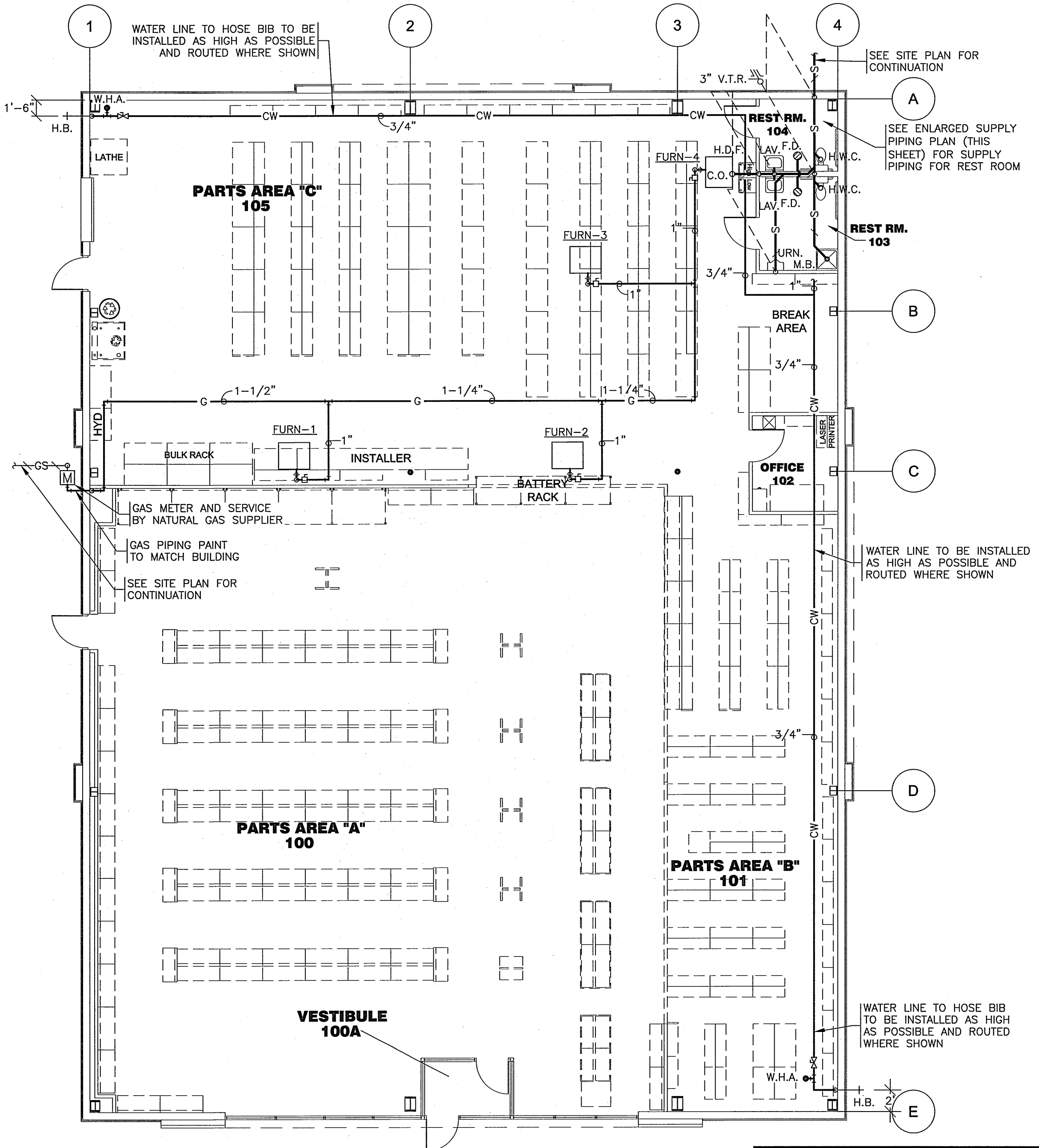


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PLUMBING NOTES

- DRAWING IS DIAGRAMMATIC & IS NOT TO BE SCALED. REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS.
- ALL PLUMBING WORK IS TO BE DONE IN ACCORDANCE WITH THE APPLICABLE CODE(S) NOTED ON THE COVER SHEET.
- PIPING MATERIAL SHALL BE AS FOLLOWS:  
UNDERGROUND WATER SERVICE - (SPEC 22 00 00)  
ABOVE GROUND HOT & COLD WATER PIPING - (SPEC 22 00 00)  
DRAIN, WASTE & VENT PIPING - (SPEC 22 00 00) - AS REQUIRED BY THE LOCAL JURISDICTION.
- VALVES ON WATER LINES SHALL BE BRONZE BALL VALVES. DO NOT SUBSTITUTE GATE OR GLOBE VALVES. VALVES SHALL BE THE SAME SIZE AS THEIR INLET PIPING. (SPEC 20 05 00)
- ALL PLUMBING FIXTURES ARE TO BE FURNISHED COMPLETE WITH NECESSARY STOPS, TRAPS, TAILPIECES, TRIM, ETC. (SPEC 22 40 00)
- THE CONTRACTOR SHALL COOPERATE WITH ALL OTHER CONTRACTORS & SUBCONTRACTORS IN LAYING HIS OUT & INSTALLING HIS WORK. COOPERATION DOES NOT MEAN "I WAS HERE FIRST."
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A COMPLETE & FUNCTIONAL SYSTEM IN ACCORDANCE WITH THE INTENT OF THE PLANS, WHETHER OR NOT EVERY ELEMENT THEREOF IS SPECIFICALLY CALLED OUT.
- DO NOT INSTALL CAPPED AIR CHAMBERS AT FIXTURES. INSTALL WATER HAMMER ARRESTERS AS CALLED FOR ON PLAN. ARRESTERS ARE TO BE RATED FOR INSTALLATION IN CONCEALED LOCATIONS. (SPEC 22 00 00)
- ALL HOT & COLD WATER SUPPLY PIPING CONNECTION TO FIXTURES ARE TO BE 1/2" UNLESS NOTED OTHERWISE.
- PLUMBING PIPING SHALL NOT BE INSTALLED ABOVE ELECTRICAL PANELS. PROVIDE REQUIRED CLEARANCES PER "N.E.C." COORDINATE ELECTRICAL PANEL LOCATIONS W/ THE ELECTRICAL CONTRACTOR.
- INSTALL PIPE INSULATION ON ALL DOMESTIC WATER LINES ABOVE FINISH FLOOR (SPEC 22 07 19).
- CONTRACTOR SHALL COORDINATE WITH ALL STATE & LOCAL BUILDING REGULATION AGENCIES & UTILITY COMPANY(S) IN THE PROCUREMENT OF & PAYMENT OF ALL PERMITS, LICENSES, FEES & CHARGES REQUIRED FOR THE PERFORMANCE OF THE WORK.
- PROVIDE CHROME ESCUTCHEON COVERPLATES AT ALL PIPE PENETRATIONS OF FINISHED WALL SURFACES.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ROUTE ALL WATER PIPING AROUND SPACES W/ TEMPERATURES BELOW FREEZING (i.e. ATTICS, CHASES, EXTERIOR WALLS, ETC.). IF FREEZING OF ANY WATER PIPING OCCURS IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO REPAIR THE PIPING THRU A NON-FREEZING SPACE TO THE FIXTURE/APPLIANCE ORIGINALLY SERVED BY THE FROZEN PIPING.
- ALL CAULKING ON BUILDING PENETRATIONS SHALL BE A 1-COMPONENT NON-SAG URETHANE SEALANT. ANY CONTRACTOR WHO USED SILICONE OR ANY OTHER CAULKING WILL BE REQUIRED TO REMOVE & REPLACE WITH A SPECIFIED SEALANT (SPEC 07 92 00).
- PLUMBING SUB-CONTRACTOR SHALL INFORM THE ELECTRICAL SUB-CONTRACTOR OF THE VOLTAGE & POWER REQUIREMENTS OF ALL PLUMBING EQUIPMENT TO BE INSTALLED.
- ALL GAS PIPING INSTALLATIONS SHALL COMPLY WITH "N.F.P.A.-54" NATURAL GAS OR "N.F.P.A.-58" LP GAS (latest edition).
- ALL WATER HEATERS & HOT WATER STORAGE TANKS SHALL HAVE A DRAIN VALVE INSTALLED AT THE BOTTOM OF THE TANK AS REQUIRED BY CODE.



PLUMBING PLAN

SCALE: 1/8" = 1'-0"



New O'Reilly Auto Parts Store:  
IVY STREET  
JUNCTION CITY, OR

O'Reilly AUTO PARTS  
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